

# Building Technologies Newsletter

Media Service from Building Technologies

[www.siemens.com/buildingtechnologies](http://www.siemens.com/buildingtechnologies)

**SIEMENS**

## Siemens partners with Amcor Flexibles to step up fire safety system checks

- *Technical audit of the fire safety and CO<sub>2</sub> extinguishing systems protecting the machinery at 53 production sites in 19 countries in Europe, North and South America*
- *Systems installed and serviced by 24 fire safety companies in compliance with country-specific fire safety laws and regulations*

The Siemens Building Technologies Division performed a comprehensive technical audit of the fire safety and CO<sub>2</sub> extinguishing systems protecting the machinery in Amcor Flexibles plants against fire. Amcor Flexibles, part of the global Amcor packaging group, is one of the world's largest suppliers of flexible packaging and folding carton packaging for tobacco.

As the first international audit of its kind, both for Amcor and Siemens and the industry as a whole, it proved to be challenging for several reasons. On the one hand, the 53 production sites use multiple different fire safety and CO<sub>2</sub> extinguishing systems with a variety of designs and system topologies which were installed and are serviced by numerous fire safety companies. On the other hand, country-specific fire safety laws and regulations make it a challenge to compare the systems. However, system comparability is a basic requirement for an audit based on uniform testing criteria.

On the part of Amcor Flexibles, 187 employees and subcontractors were involved in the project. Siemens provided 138 project participants, including project managers, subsidiary and sales directors in the various countries, fire safety and extinguishing experts, service employees as well as 18 experts from Siemens Value Added Partners.

The audit was performed between July 2013 and June 2014 with a small number of more complex production site audits in four countries being finalized by end of November, 2014. The Siemens Building Technologies Division focused on Amcor's safety and security standards. Siemens was awarded this project because of its global presence, its fire safety product, solution and service portfolio, and its experience with local fire safety laws and regulations worldwide. With its expertise, Siemens was able to establish system-independent system comparability, allowing fire safety experts to perform the audit using the same testing criteria at every site. The results were consolidated in a report, which also includes a detailed system inventory.

"Since the audit was performed at all production sites, we now have a comprehensive overview of the different fire safety systems at the various locations and we know whether the fire detection, alarming and CO<sub>2</sub> extinguishing systems work in accordance with our strict fire safety requirements. The report helps us identify weak points and take measures to fix them. This goes far beyond periodic inspections and compliance with country-specific regulatory standards. It will lead to improved fire safety for our machinery and better protection for our production sites," says Ingo Legermann, Senior Manager Organisational Health, Safety & Environment at Amcor Flexibles Europe & Americas.

"It goes without saying that fire safety systems need to be installed and serviced. However, what is just as important are periodic technical audits which, in the case of global companies, are performed in same manner worldwide. This is the only way to determine whether the systems still meet the company's security requirements. The system-independent audit performed by Siemens helps Amcor Flexibles establish the required transparency regarding the systems in use, allows them to be compared and provide an objective basis for reasonable or necessary investment decisions," says Miguel Coll, Head of Fire Safety Portfolio of the Siemens Building Technologies Division.



Testing of extinguishing systems

(November 27, 2014)

Press officer / editor:

Cornelia von Dewitz

+41 41 724-4363

[cornelia.von-dewitz@siemens.com](mailto:cornelia.von-dewitz@siemens.com)